

# Sturdi built

GREENHOUSE MANUFACTURING CO.

## GREENHOUSE ACCESSORIES

**Sturdi-built Greenhouse Mfg. Co.**  
**11304 SW Boones Ferry Rd. Portland, OR 97219**  
**(800) 334-4115 • (503) 244-4100**  
**[www.sturdi-built.com](http://www.sturdi-built.com)**

**STURDI-BUILT GREENHOUSE MANUFACTURING has specialized in the design, manufacture, and sale of hobby greenhouses for over 45 years. We have learned that quality accessories play an important role in successful and enjoyable greenhouse gardening. Based on our experience, including the input of our greenhouse customers, we have assembled a line of high quality, dependable accessories. As with our greenhouses, we like to select accessories that are most important in setting up an effective greenhouse. Call us to discuss your specific greenhouse accessory needs.**

# VENTING

Proper ventilation helps provide necessary air exchange for plants and also helps to prevent overheating in the greenhouse. Ventilation alone, however, will not properly handle hot, sunny weather. Adequate shading and humidity must also be provided. Roof vents are the best method for ventilating residential size greenhouses because they provide natural, gentle venting, quiet operation, and are easily automated. They help preserve humidity in hot weather. Vents in the ends or side walls alone are not adequate but work well in conjunction with roof vents. Exhaust fans are easy and economical to add and easily automated, but tend to dehumidify the greenhouse.

## SOLAR POWERED ROOF VENT CONTROLS

Solar powered vent controls are ideal for roof vents. They automatically adjust ventilation according to temperature. No electricity required. These openers can also be used for wall vents or cold frames. The vent can be set to open between 55° and 85°F. As the greenhouse temperature rises, the vent is opened further, becoming wide open about 20°F above the starting temperature. Operation is completely silent. Designed for hinged vents weighing up to 32 lbs. Heavy duty. Cylinder is warranted for 2 years.

**BAYLISS MK7-S.....\$80.00**

**Replacement power cylinder.....\$40.00**



## ROOF VENT SCREEN KIT



This redwood roof vent screen kit is designed to fit all Sturdi-built greenhouse roof vent openings. Mounted from the inside, it allows vents to operate freely, yet keeps unwanted pests out. Accommodates installed automatic vent controls. Does not work with manual vent openers.

**Vent Screen.....\$85.00**

## JALOUSIE LOUVERED WINDOW



This factory assembled window installs easily in greenhouse end walls. Provides extra ventilation. Works best in conjunction with roof vents. 20" W x 30"H. Includes screen and acrylic "storm widow"

**Jalousie Window.....\$185.00**

## JALOUSIE WINDOW KIT FOR DOOR

Replaces glazing in the upper part of your greenhouse door. Comes with screen, and a clear acrylic "storm window" for winter. Easily opens to provide lots of extra summer venting without having to open the door. Can be installed in existing greenhouse doors. (Specify net opening when ordering.)



**JWD.....\$185.00**

## JALOUSIE WINDOW AUTOMATIC OPENER



For automatic opening and closing of your jalousie louvered window. Aluminum and stainless steel for long life. Opening temperature range of 61°- 77°F. Solar powered. Fits all common louvered windows.

**Liberty window opener.....\$49.50**

## H-E AUTOMATIC ROOF VENT CONTROL SYSTEM

Sturdi-built's own heavy duty system for control of roof vents. Ideal for multiple vent operation. Electrically actuated, water hydraulic, thermostatically controlled. Precise, quiet operation. Each actuator has a lifting capacity of 35lbs at 45 p.s.i. water pressure. Use multiple actuators to lift extra heavy and/or long vents. Comes complete with all components. Hookup to your water supply with the saddle valve provided. Thermostat and electric valve are prewired on a mounting board. Simply plug into a standard 120v outlet. Tubing and fittings for actuator hookup are provided.



**HES-1 Complete system with actuator for 1 vent.. \$245.00**

**HEA Each additional actuator (each add'l vent)..... \$ 65.00**

**CIRCULATION** A greenhouse requires interior air circulation. We recommend continuous, 24/7 air movement, in winter to prevent mold and mildew, and summer to prevent excessive heat build up.

## THE STURDI-BUILT GARDEN FAN

Our Garden Fan is specifically designed to provide quiet, effective and economical air recirculation. Just hang it from the ceiling and plug it in. Air goes in at the top and is pushed towards the floor.

- ◆ Attractive Clear Heart Redwood -7" x 7" x 16"
- ◆ Breaks up stratified air and saves heating costs.
- ◆ Reduces escape of warm air through the roof.
- ◆ Economical-less energy than a 15 watt light bulb
- ◆ 120volt with a 12' long cord.

**Garden Fan.....\$95.00**



## WALL MOUNT, THREE SPEED OSCILLATING FAN

Quiet, 12" oscillating fan mounts on the wall of your greenhouse. Fan head rotates 90 degrees or can be locked in non-oscillating position. Tilt head to direct gentle air flow up or down. Knob and pull cord for on/off and three speed control. Up to 930 CFM. Motor warranted for 3 years.

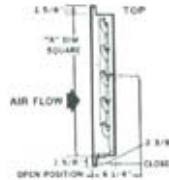
**12" Oscillating Fan.....\$80.00**



# VENTING (CONT'D)

**AUTOMATIC EXHAUST FAN VENTING SYSTEM** This economical, effective fan venting system will do a nice job in your greenhouse. Exhausts warm air from the greenhouse and allows cooler, outside air to flow in through base wall vents or louvered windows. Disadvantages to exhaust fans are that they can be noisy (this can be addressed somewhat with a speed control) and they can dehumidify the greenhouse. (See **Humidifying Equipment** below.) System includes a shuttered fan (to be mounted in one end of your greenhouse), an air intake shutter (mounted in the other end), and a quality industrial rated White Rodgers thermostat (W/R 1687-9C) for automatic control. Starting temperature range is 30° to 90°F. For approximate CFM requirement, divide the total greenhouse cubic foot volume by 1.5. For larger greenhouses, consider two or more fans. NOTE: to accommodate installation of fans and shutters, frame square opening 1/2" larger than fan size. For Sturdi-built greenhouse customers, redwood mounting frames are furnished without extra charge.

## FAN INTAKE SHUTTER THERMOSTAT



Stock No.	CFM	Fan/Size	Price
2C819	520	10"	\$320.00
2C710	650	12"	\$345.00
2C713	870	16"	\$435.00
<b>Optional Shutter Motor...</b>			<b>\$105.00</b>

### SHUTTER MOTOR

Add this to your air intake shutter. Opens the shutter when the fan clicks on. Relieves the starting load on the fan. Holds the shutter firmly closed during the winter.

**Optional Shutter Motor....\$95.00**



### VARIABLE FAN SPEED CONTROL

Allows you to adjust fan speed to accommodate changing seasons (slower speed during cooler weather, faster in summer) and for other requirements such as slowing the fan to make it quieter.

**4C331 Fan Speed Control, 3 amp....\$35.00**



# INSTRUMENTS

## THERMOMETER WITH INDOOR HUMIDITY



Displays indoor or outdoor temperature (you select) & indoor humidity with large 1 1/8" tall numbers. Memory function stores minimum & maximum temperature and humidity readings. Uses 1 AAA battery (not included). Ten foot long weatherproof

sensor wire for outdoor temperature.

**716542 Digital Thermometer...\$26.00**

## MINIMUM-MAXIMUM THERMOMETER

The most referred-to instrument in any greenhouse. Records and shows high and low temperature extremes over any period of time you select, and, of course, shows current temperature. Simple push button reset.

**CKC Mini-Max Thermometer.....\$24.00**



## WIRELESS, REMOTE SENSING THERMOMETER-HYGROMETER WEATHER STATION



This system monitors and displays digital indoor and outdoor temperatures and relative humidity. One remote sensor is included. Put a remote sensor in your greenhouse to display current temperature and humidity and the base station in your house. Clock automatically sets itself to the US Atomic Clock. Displays barometric pressure, moon phase. Ice warning function when temperature nears freezing. Wireless, simple to set up. Base station & 1 remote sensor included. 100 ft range. Large digital readout. Great multi-purpose unit.

**Item #716519.....\$60.00**



### HUMIDISTAT

Controls humidity systems, fogging, nozzle systems, etc., according to humidity level. Simply plug device into pre-wired cord receptacle. Operating range is 20% to 80% relative humidity. 120 volt. 7.5 amp rating.

**82-1A Humidistat....\$85.00**

# HEATING

There are several ways to heat a greenhouse such as electric, natural gas, and L.P. Electric heaters are flexible, economical, easy to install, and require no venting. 240 volt heaters are more efficient than 120 volt and are available with moisture resistant thermostats. Ordinary thermostats found in cheaper 240 volt heaters and most 120 volt heaters can't handle humid greenhouse conditions. A 120 volt heater is generally adequate for heating a small greenhouse but should be controlled by a separate heavy duty, moisture resistant thermostat. Portable heaters should be removed from the greenhouse during the non-heating season. Natural Gas and LP gas heaters are available for greenhouse use. They should be properly vented and equipped with a good thermostat. They are useful for heating larger greenhouses and often have the ability to heat even when there is no power.

## EMPIRE DIRECT VENT GAS HEATERS

DV 210 or 215



Very suitable for greenhouse heating. Fully automatic-thermostat included. Non-Electric. Heats even if power is lost. Dependable pilot light ignition system. Space saving wall mount design. Vents through wall. Available for Natural Gas or L.P. (Please specify when ordering.)

Model	BTU Output	Dimensions WxHxD	Price
DV-210	7,000	16 1/4" x 21 3/8" x 9 3/8"	\$665.00
DV-215	10,500	20 1/4" x 24 7/8" x 9 3/8"	\$745.00
DV-25	17,500	37" x 27 1/4" x 11 1/2"	\$905.00
DV-35	24,500	37" x 27 1/4" x 11 1/2"	\$975.00

Optional thermostat may be used for better temperature control. See W/R Millivolt setback on page 5.



## UTILITY HEATER (120V)

For heating the small greenhouse. Durable metal casing, painted beige. Built in thermostat for automatic operation. Two heat output setting-750 & 1500 watts-plus fan only. 5100 BTU's maximum. Tip over switch and safety cut off if it gets too hot. 6' heavy duty grounded cord. Add our heavy duty thermostat for more precise temperature control.



TPI 120 volt Utility Heater .....\$69  
W/R 1687-9P Heavy duty thermostat with factory installed pre-wired cord. See page 5.....\$75

## "THE HOT ONE" CADET 240V HEATER



A heavy-duty durable 240 volt heater. From the Cadet line of commercial unit heaters, it comes factory equipped with a universal mounting bracket, heavy duty cord, and adjustable thermostat. Unit has a safety switch which disconnects power if the heater gets too hot, then resets when unit cools off.

RCP402 Cadet, 4000 Watt, 13600 BTU, 16.7 Amps...\$325.00  
RCP502 Cadet, 5000 Watt, 17000 BTU, 20.8 Amps...\$365.00

# COOLING

An efficient means of cooling is through evaporation. Evaporative coolers draw hot air through wet pads. Water evaporates from the pads, supplying cool, clean, humid air to your greenhouse.

## EVAPORATIVE AIR COOLERS

These coolers are installed just outside the greenhouse. Cool air is ducted in through an opening framed in the base wall or greenhouse wall. Attractive, adjustable, interior grille (plastic or metal depending on model). Durable finish combines the strength of metal with an epoxy coating.



CWCM 28 - 2 speed, 2800 CFM.....\$545.00  
CWC 35 - 2 speed, 3300 CFM.....\$675.00  
CWC 44 - 2 speed, 4000 CFM.....\$745.00  
CWC 50 - 2 speed, 4700 CFM.....\$840.00  
W/R 1687-C Cooling Thermostat with pre-wired cord...\$75.00

## SOUTHERN BURNER GAS HEATERS NON-VENTED GAS HEATER

- ◆ Fully Automatic
- ◆ Non-Electric
- ◆ No Venting Required
- ◆ Adds CO2 While it Heats
- ◆ Compact-only 22" high
- ◆ 17,500 BTU output

Will fit under standard benches. Use one or more units depending on your greenhouse size. Comes with a wall mount millivolt thermostat.

Specify LP or Natural Gas

Model C-1 MV.....\$470.00



## SOUTHERN BURNER VENTED ORCHID HEATER

Slightly larger unit, but still fits under the bench. 25,000 BTU output. A Tee and rain cap are furnished for your 3" vent pipe. Specify LP or Natural Gas

Model A-1 MV.....\$620.00

SETBACK DAY/NIGHT THERMOSTAT for separate day and night temperatures.  
(For either model) 50°-90°F temp.range.....\$53.00

# PROPOGATION EQUIPMENT

With good bottom heat, propagation is easy and fast. Propagation mats are great for supplying heat to plants

in containers, seed flats, etc. Mats controlled with adjustable thermostats will provide better performance than those with preset (fixed temperature) thermostats. Soil cables are another means of supplying heat to soil benches. The cable length required will depend on the size of the bed to be heated and whether the bed is in a heated greenhouse. For large beds, consider two or more soil cables.

## ELECTRA GROW PROPAGATING MAT

This mat is great for starting seeds and propagating cuttings. It has a handy wire rack to keep your trays above the mat for air circulation. Has a built in thermostat set to approx. 70°.



Inexpensive to operate. 120 volt.

726235 Size 21" x 15", 75 Watts.....\$58.00

726230 Size 38" x 17", 100 Watts.....\$82.00

## VINYL-COVERED SOIL CABLES



Inexpensive, fully automatic cables for easy control of soil temperature. Cable should be buried in your soil per the directions in the package. Comes with built-in thermostat preset to 70°F. Ready to plug into any 115 volt AC outlet. All cables listed are rated at less than 4 amps.

Stock No.	Length	Area to heat	Watts	Price
51012	12'	3 sq. ft.	42	\$27.00
51024	24'	6 sq. ft.	84	\$30.00
51036	36'	9 sq. ft.	126	\$35.00
51048	48'	12 sq.ft.	168	\$38.00

## LOW WATT PROPAGATION MATS

An economical way to germinate seeds and propagate cuttings. Energy efficient-less than 12 watts electric power per square foot. Uniform heat distribution because it is a continuous sheet heater, not coiled wires embedded in a mat. Separate thermostat is required for operation. One year limited warranty.



OP-27 mat, 22" x 14", 25 watts.....\$37.00

OP-55 mat, 22" x 22", 45 watts.....\$47.00

OP-110 mat, 22" x 44", 90 watts.....\$78.00

OP-175 mat, 22" x 96", 200 watts.....\$130.00

## THERMOSTAT FOR PROPAGATION MAT CONTROL

Quick and easy to use. Simply plug the propagation mat's cord into the slot and put the temperature probe into the soil. Temperature range is 60-100° F. Single plug slot unit available also.



FT-15 Thermostat, 1600 watts, 4 plug slots.....\$95.00

# THERMOSTATS

Only high quality moisture resistant thermostats should be used in a humid greenhouse. Thermostats should control a wide temperature differential, allowing you to set the heat to come on at a set temperature turning off from 4° to 30° higher (or the reverse for cooling thermostats). Ordinary thermostats can not provide precise control.

## THERMOSTAT FOR HEATING OR COOLING CONTROL



No finer thermostat for greenhouse heating or cooling control.

- ◆ Moisture-resistant, hydraulic type control with -30° to 90°F temperature range and 5° to 40°F adjustable differential.
- ◆ Great for the smaller 120V heaters because it allows for precise temperature control. Energy efficient.
- ◆ Mount thermostat in any convenient location with temperature sensor up to 8ft. away.
- ◆ Will accommodate direct wiring; or add a pre-wired cord for plug-in 120V appliances.
- ◆ Rated capacity for heaters is 24 amps for 120 volts; 20 amps for 240 volts. For coolers, 7.4 amps for 120 volts; 3.7 amps for 240 volts.

This thermostat works for either heating or cooling but it must be wired for the particular use by us (the factory installed prewired cord) or by your electrician. Please specify when ordering.

W/R 1687-9 Heating/cooling thermostat.....\$59.00

W/R 1687-9P Heating or Cooling Thermostat with factory installed pre-wired cord (120V only).....\$75.00

## SET BACK THERMOSTAT



For separate day and night temperatures using your Southern Burner or Empire Gas Heaters. Millivolt control. 50° to 90°F temperature range.

W/R Millivolt Setback.....\$53.00

# HUMIDITY & WATERING

Every greenhouse needs a water source, usually a spigot with a coil hose and watering wand is sufficient. Beyond that, your needs will vary with the plants you are growing. We offer some parts to create an individualized water/misting system. They are designed to go on PVC pipe or tubing that is more cost effective to buy at your local home improvement center. Proper humidity is important for your plants and need vary as seasons change. Warm, sunny weather requires higher relative humidity while cold, cloudy weather needs lower relative humidity. To maintain summer humidity, in greenhouses with gravel covered dirt floors, simply wetting down the floor periodically is often all that is needed to maintain adequate humidity. However, if additional humidity is needed you should consider adding humidifying equipment. Systems may be automated for greater convenience.

## COMBINATION WATERING WAND & RECOIL HOSE



Quality chrome-plated watering/misting wand with easy on/off thumb trigger. Great for reaching into high places among rows of pots and plants. The aerator head dissipates pressure to allow a full flow of water without

the normal hard force. Comes with an interchangeable Mist Spray head perfect for anywhere fog, mist or humidity is desired. Available in 14" or 24" lengths. Pair either wand with a 25ft. Recoil hose. This lightweight, very durable, easy-to-use hose has a 1/4" ID and come complete with special all-brass garden hose fittings. Hose coils and stores like a telephone cord. Swivel fittings on both ends prevent twisting and kinking Perfect for greenhouse use.

- Fogg-it 14" Watering/Misting Wand.....\$19.75
- Fogg-it 24" Watering/Misting Wand.....\$24.75
- 25 ft. Recoil Hose.....\$37.00

## OREGON MISTER FOGGER

This misting/fogging system is ideal for the small greenhouse. Mist is provided by a high quality brass nozzle, delivering fine mist at a rate of approx. 1 gallon per hour (rate varies with water pressure). Mist is circulated with a powerful but quiet blower. The system is automated with a humidistat. Blower speed is adjustable. The system can be set up to have the mister and lower turn off and on together or you can leave the blower running for full time circulation, with the mister turning on and off as humidity is needed. Comes with 1/4" water supply tube and saddle valve for easy installation. Requires 120V power & water. A great system for creating a tropical growing environment. Made exclusively by Sturdi-built.



Mister/Fogger.....\$435.00

## FLORA-MIST FOGGING/MISTING NOZZLES

A quality, inexpensive nozzle. Screws into an 1/8" pipe threaded opening or fitting. Available in 3 sizes. Covers 4' to 6' diameter depending on water pressure.



Stock No.	Orifice Size	GPH delivery	Price
FM020	.020	4	\$4.50
FM032	.032	8 1/2	\$4.50
FM040	.040	14	\$4.50

## PETCOOKS

Allows you to shut off individual nozzles. All brass, 1/8" pipe threaded. Installs between nozzle & water supply. 34-P4140.....\$7.50



## PIPE SADDLES

For simple installation of Flora-mist nozzles on 1/2" PVC pipe. Pre-drill hole into the pipe, cement saddle in place and screw nozzle into saddle. Specify size when ordering.



FM-S 1/2" Pipe Saddles.....\$1.75 each



## SOLENOID VALVES

Two way, normally closed, electric valve to control flow of Water. 120 volts.



34GP412 1/2" Pipe size.....\$155.00

## DECORATIVE ACCESSORIES RIDGE SCALLOP AND FINIALS

Dress up your greenhouse with our handmade ridge scallop and finials. A nice addition to any freestanding greenhouse and a great look for your garden! Shown is our basic finial style. Each is individually made so inventory varies slightly.



Ridge Scallop.....\$12/ft  
Finial with Base.....\$170 each



# SHADING

Don't overlook the requirement of adequate shading. During sunny weather greenhouse plants must be protected from sunburn and overheating. Our shade cloth is hemmed and grommeted, designed to go on the outside of your greenhouse. If you have a greenhouse other than a Sturdi-built please specify size when ordering. Shading flat fiberglass or twinwall materials can also provide some sun protection.



## SHADE CLOTH

Made of long lasting polypropylene, shading cloth provides flexible, economical protection from hose hot summer days. Easy to attach over the greenhouse roof and/or walls. Available in custom sizes, 3' to 20' wide up to 30' long. All edges are factory hemmed and grommeted (approx. 2' on center) for easy installation. Specify size when ordering.

Stock No.	Shade Density	Price
CSC-47	47%	\$0.75/sq.ft.
CSC-55	55%	\$0.80/sq. ft.
CSC-63	63%	\$0.85/sq. ft.
CSC-73	73%	\$0.90/sq. ft.
CSC-80	80%	\$0.95/sq. ft.



# BOOKS

There are hundreds of books written on the subject of greenhouse gardening. We offer a select few and we give our recommendations. We hope this will help with your selection of the most appropriate book for you.

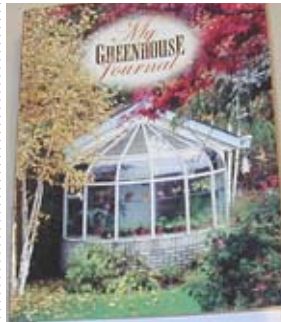
## All About GREENHOUSES from Ortho

How to select, plan, buy or build, equip and use your greenhouse. Sections on construction, equipment, growing techniques, lighting control, disease management, and special projects.



Ortho Greenhouse Book (paperback).....\$12.50

## MY GREENHOUSE JOURNAL By Greta Heinen



Designed to be a two-year record of all your greenhouse activities. Record greenhouse temperatures, propagation techniques, transplanting & flowering times, first & last frosts. This personal journal will become your best reference book for greenhouse gardening. The book also includes a resource section of valuable information.

My Greenhouse Journal (paperback).....\$10.95

## GREENHOUSE GARDENER'S COMPANION By Shane Smith



Everything you need to know about setting up a healthy growing environment and a complete guide to growing over 300 flowers, vegetables, and herbs in the greenhouse. Easy to understand.

GGC Paperback.....\$21.95

## NATIVE ORCHIDS OF OREGON

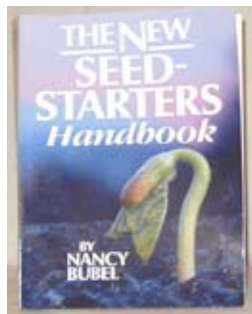
Yes, there are actually orchids native to Oregon! This booklet helps the amateur botanist identify plants found in the wild. It is a simple guide only, assuming some knowledge of orchids already.



Oregon Orchids paperback...\$7.75

## THE NEW SEED STARTERS HANDBOOK By Nancy Bubel

A complete guide to starting plants from seed including how to start more than 200 plants along with source lists for seeds. All information needed to grow plants from seeds is in this book; when to start; depth to plant; when, how, and how much to water; type of light; how to protect, transplant, much more.



752-1 paperback.....\$20.00

**Special:**  
**Buy both orchid books for \$14.00**

## YOUR FIRST ORCHIDS & HOW TO GROW THEM

A publication of the Oregon Orchid Society. Designed for beginners. Tells what you need to know for orchid growing. Topics include descriptions of the plants & flowers, origins & habits, cultural needs, diseases, pests, propagation & more.



Your First Orchids paperback.....\$7.75

# BENCHES & SHELVES

**NOTE: DUE TO SIZE & WEIGHT EXTRA SHIPPING CHARGES WILL APPLY TO BENCHES**

## STURDI-BUILT STANDARD BENCHES

Made of all Heart construction grade Redwood or select

Western Red Cedar. Easy to install. Come ready for you to assemble and complete with galvanized metal legs. Standard benches are available in 3 types:

*Soil Type* (for propagating) - extra deep 8" sides, 1" bottom boards.

*Slat Type* - narrow spaced boards. Strong, good for potted plants.

*Combination* - part slat, part soil (you specify split)



### PRICE PER BENCH

Width	Length			
	6'	8'	10'	12'
27½"	\$ 180	\$204	\$276	\$318
32"	200	226	306	354
37"	220	249	336	389

*Note: Number & width of benches depends on greenhouse model. Shorter and longer lengths are available. Call for prices.*



## SPECIAL ALL-WOOD BENCHES

Available in one or two levels in a wide variety of sizes. Can be custom made for your greenhouse. Come ready for you to assemble.



Length	6'	8'	10'	12'
27" wide single	\$225	\$255	\$345	\$398
27" wide double	337	382	517	597
32" wide single	250	283	382	443
32" wide double	375	424	573	665
36" wide single	275	311	420	486
36" wide double	413	466	630	729

*Shorter and longer lengths available. Call for prices.*

## SLAT BENCH COVERS FOR SOIL BENCHES



Make your bench space more versatile with these soil bench tops. When your soil bench is not being used, convert it to a slat bench with these panels. 3 pieces will cover a 6'-6" long soil bench. Custom sizes are available.

- 26" panel for 27" wide bench.....\$35.00
- 26" panel for 32" wide bench.....\$40.00
- 26" panel for 37" wide bench ....\$45.00

Create an arrangement to suit your specific needs

## GLASS SHELVES

Specially made redwood supports and ¼" thick glass shelves fit any Sturdi-built greenhouse. Strong and attractive. 8" wide. (Specify greenhouse model design when ordering and if for the side or end wall.) Note: shelves cannot be full length of the greenhouse, they must stop at least one bay from the corner.



**One Standard Bay length (1 piece of glass and 2 supports, approx. 21" long).....\$35**  
**Each Add'l Bay Length (1 piece of glass , 1 support)..\$25.00**

## WOOD SHELVES

Beautiful wood shelves and supports made of top quality redwood or cedar. Attractive and strong. Will fit any Sturdi-built greenhouse. Shelves are 11" wide and extend wider than the bay by 9" on each side. Please specify the greenhouse model when ordering and whether for side wall or end wall. Note: shelves cannot be full length of the greenhouse, they must stop at least one bay from the corner.



**One standard bay length (approx. 40")...\$35.00**  
**Each additional bay length.....\$25.00**

## LIGHTING TIMERS



**ECOPLUS DIGITAL TIMER**  
 Dual timer, large digital display, easy to use.

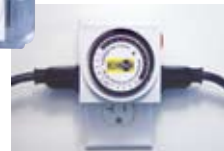
**734105 Digital timer.....\$24.00**



### ECOPLUS 24 HOUR TIMER

Dual timer, easy to use, large display 15 minute intervals, rated at 15 amps.

**734100 Manual timer.....\$19.00**



# LIGHTING

**SUPPLEMENTAL GREENHOUSE LIGHTING:** Plants need light for proper growth. The light spectrum range produced by High Intensity Discharge (H.I.D.) light enhances the natural light derived from the sun many times over. The result, with the proper nutrients, is healthier seed starts,

more flowers and vigorous plants. H.I.D. lighting not only supplements sunlight, but can actually replace it during long winters with little sunlight - all at a cost comparable to using one of your kitchen appliances.

Types of lights: *Incandescent Lamps:* standard household bulbs do not emit enough light or the proper spectrum. *Linear Fluorescents:* efficient T5 technology linear fluorescent fixtures now put out 92.6 lumens per watt, far more than traditional fluorescent bulbs. T5s are excellent for starting seeds and cuttings, but also produce enough light for full term growth. With minimal heat output, they can be placed very close to your plants. High Pressure Sodium (HPS) or Metal Halide (MH): Metal Halide bulbs emit a light spectrum which appears blue-white to the human eye, a spectrum more conducive for vegetative growth or starting seeds. High Pressure Sodium bulbs emit a spectrum more concentrated in red/orange light, a color ideal for the fruiting and flowering stage of plant development. A good multi-purpose light as well.

On average, a light system will increase your electricity cost from \$8 to \$20 per month, depending on the size of the system, hours operated and the cost of electricity. All the lights we sell are energy efficient and offer huge amounts of light and growing power for your money.

**Important:** make sure your circuit can handle the power draw. Do not exceed 75% of the breaker's rated ability.

**Sturdi-built** offers complete, ready to use lighting systems, including lamps, designed for you to hang, plug in and turn on. If you need a more custom solution with higher power options, we are happy to work with you.

## Sun Blaze T5 High Output Fluorescent Fixture



- ◆ 95% reflective Aluminum reflector- Light output is 300% higher than a lamp with no reflector
- ◆ Major brand solid state electronic ballasts
- ◆ Extremely high lumen per watt rating
- ◆ 2 year factory warranty on fixture & 1 year on lamps
- ◆ Chrome "V" hangars
- ◆ Lamps available in 3000°K (red) & 6500°K (blue).

Please specify when ordering

New Wave T5-22	2ft-2 lamp	\$125
New Wave T5-24	2ft-4 lamp	\$190
New Wave T5-42	4ft-2 lamp	\$185
New Wave T5-44	4ft-4 lamp	\$225

-Also available in 8 bulb widths. Call for prices.

## Sun System 2 – Enclosed Ballast Light System

Reflector and ballast are integrated in the same metal housing. System includes:

- ◆ Backlit on/off switch
- ◆ Steel powder coated housing
- ◆ 95% reflective aluminum interior
- ◆ 8ft grounded power cord
- ◆ Chrome wire mounting hangers
- ◆ Mogul base socket
- ◆ Air cooled with optional fittings
- ◆ 22.4"L x 12.6"W x 7.4"H
- ◆ 5 year warranty
- ◆ Glass Cover

### Costs with bulbs:

250 Watt Metal Halide	\$300
250 Watt High Pressure Sodium	\$315
400 Watt Metal Halide	\$310
400 Watt High Pressure Sodium	\$325
Optional Universal Air-Cooled 4" fitting	\$7



**Sun System 4** – Similar features to the Sun System 4 but a smaller light fixture, perfect for small garden areas, seedling starts or growers on a budget!

- ◆ Medium base socket
- ◆ 5 year warranty
- ◆ 15"L x 9.5"W x 5.7" H

### Cost with bulbs:

175 Watt Metal Halide	\$225
150 Watt High Pressure Sodium	\$205



# ACCESSORIES ORDER FORM

For fastest service, use a **Visa** or **Mastercard** and order by phone  
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Monday to Friday, 8am to 5pm, Pacific Coast Time

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- ◆ Form may be faxed at any time to (503)293-9266
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- ◆ Returns are subject to prior approval and a 15% restocking charge.
- ◆ Quantities are limited.
- ◆ Alaska, Hawaii and Canadian customers call for shipping rates.
- ◆ Extra shipping charges apply to benches.
- ◆ Prices and terms subject to change without notice

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